



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/554,199  
Confirmation No. : 2830  
Applicant : Sergej Lopatin et al.  
Filed : Oct. 24, 2005  
Title : Apparatus for determining and/or monitoring  
at least one physical or chemical process  
variable of a medium  
  
TC/A.U. : 2856  
Examiner : R.M. Miller  
Docket No. : LOPA3007/FJD  
Customer No. : 23364

**RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENT**

The following amendments and corresponding remarks are being submitted pursuant to the provisions of 37 CFR 1.111 in response to the Office Action of June 25, 2008.